Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007001.D
Acq On : 07 Aug 2019 23:21
Operator : HP/JU
Sample : K3962-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 08 05:53:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEP26

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6815	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	28340	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	18301	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	45149m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	38881m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	39400	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	15220	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	46803m	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.28	128	3562	0.044	ng/ul#	89
8) Acenaphthene	14.18	153	1507	0.021	ng/ul	92
9) Fluorene	15.17	166	2780	0.032	ng/ul#	83
12) Phenanthrene	16.90	178	27611m	0.192	ng/ul	
15) Fluoranthene	18.93	202	48372m	0.270	ng/ul	
17) Pyrene	19.29	202	65906m	0.380	ng/ul	
18) Benzo(a)anthracene	21.06	228	41149m	0.241	ng/ul	
19) Chrysene	21.11	228	59665m	0.373	ng/ul	
21) Benzo(b)fluoranthene	22.58	252	39719m	0.249	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	14007m	0.090	ng/ul	
23) Benzo(a)pyrene	23.12	252	37807	0.251	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.30	276	15400	0.095	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.32	278	5717	0.044	ng/ul#	1
26) Benzo(g,h,i)perylene	25.94	276	21300	0.157	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
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Sample : K3962-02
Misc :
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ClientSampleId :
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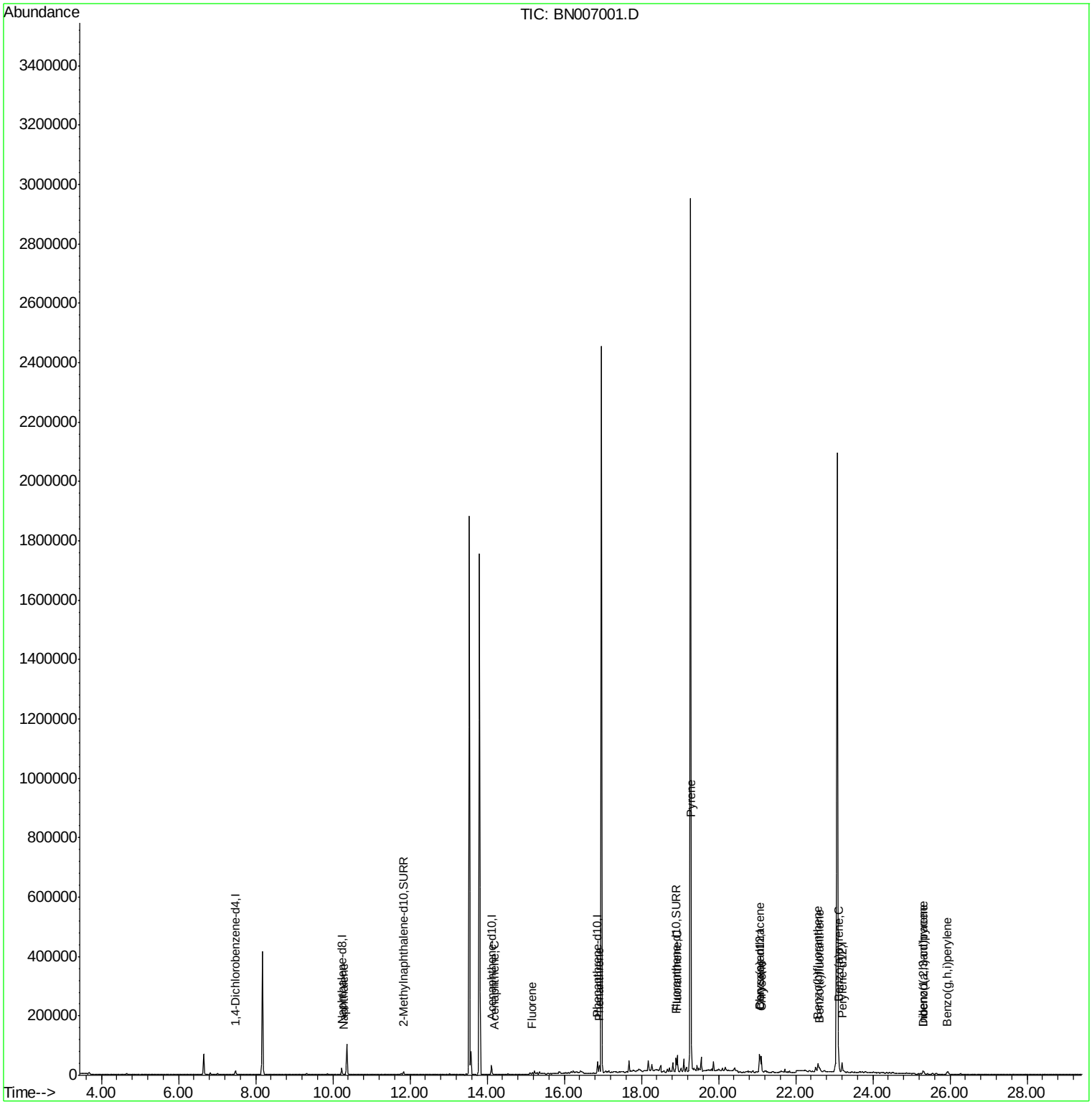
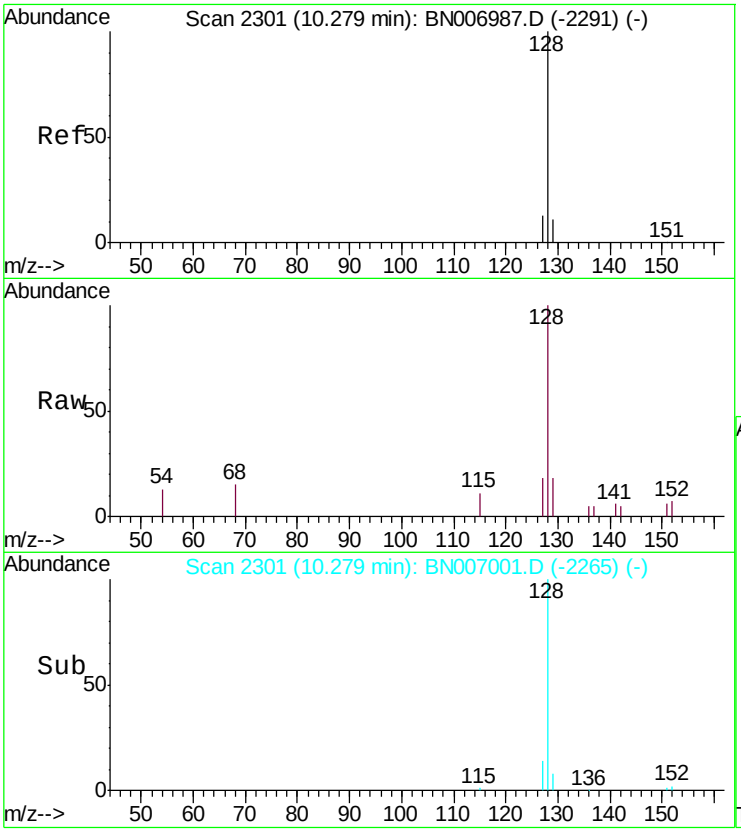
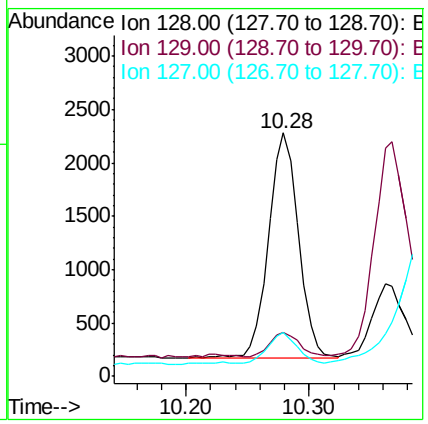




#3
Naphthalene
Concen: 0.044 ng/ul
RT: 10.28 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:128 Resp: 3562

Ion	Ratio	Lower	Upper
128	100		
129	17.9	10.0	15.0#
127	18.0	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
BEP26

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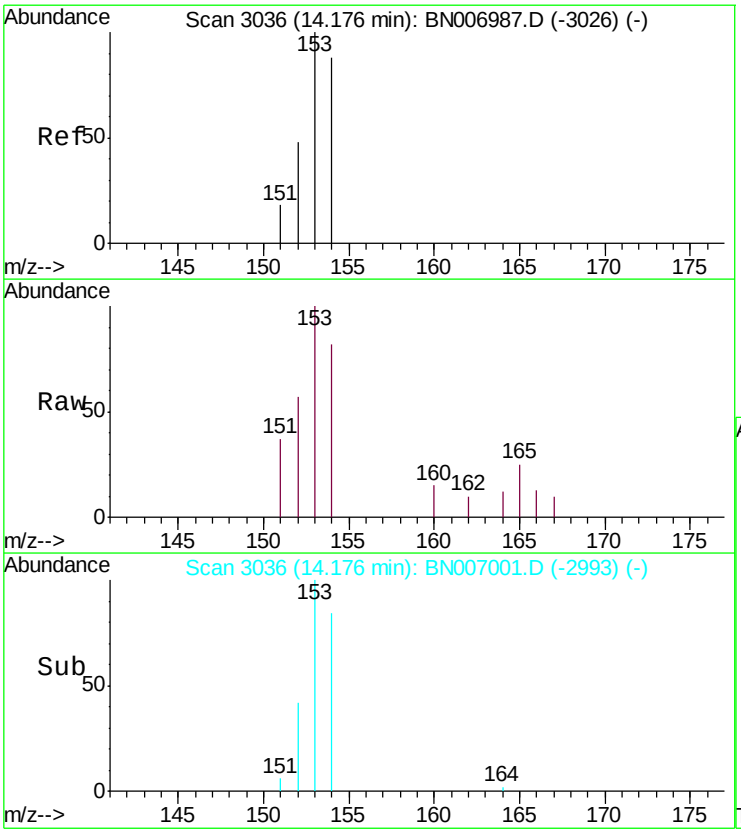
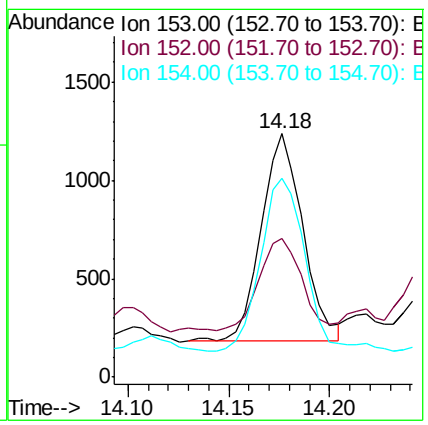
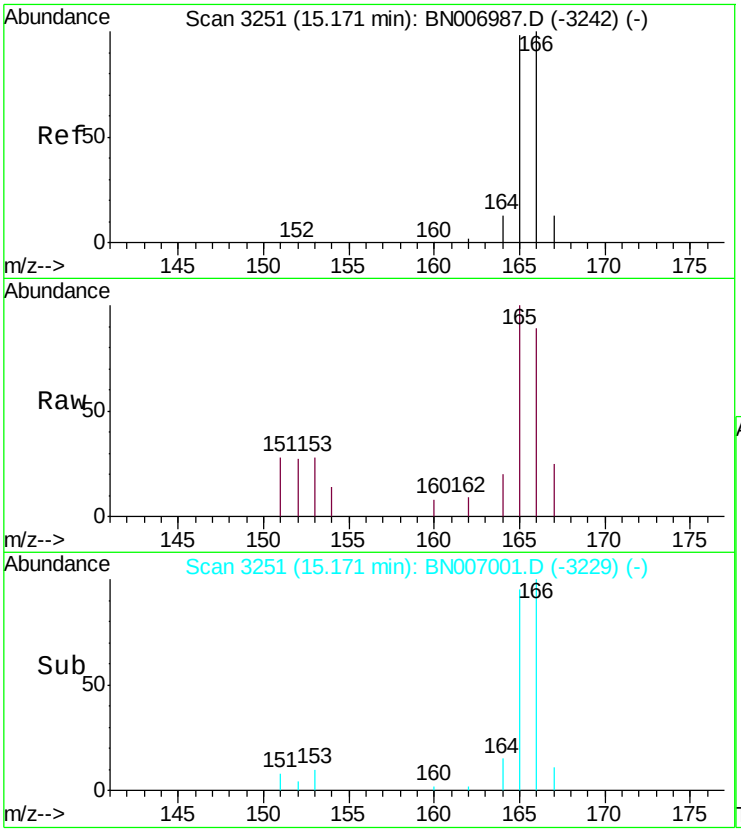


#8
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.18 min Scan# 3036
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:153 Resp: 1507

Ion	Ratio	Lower	Upper
153	100		
152	56.9	39.4	59.2
154	81.8	70.1	105.1

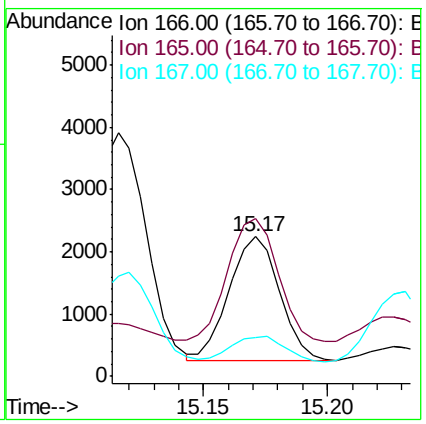




#9
Fluorene
Concen: 0.032 ng/ul
RT: 15.17 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:166 Resp: 2780

Ion	Ratio	Lower	Upper
166	100		
165	112.8	78.8	118.2
167	28.2	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
BEP26

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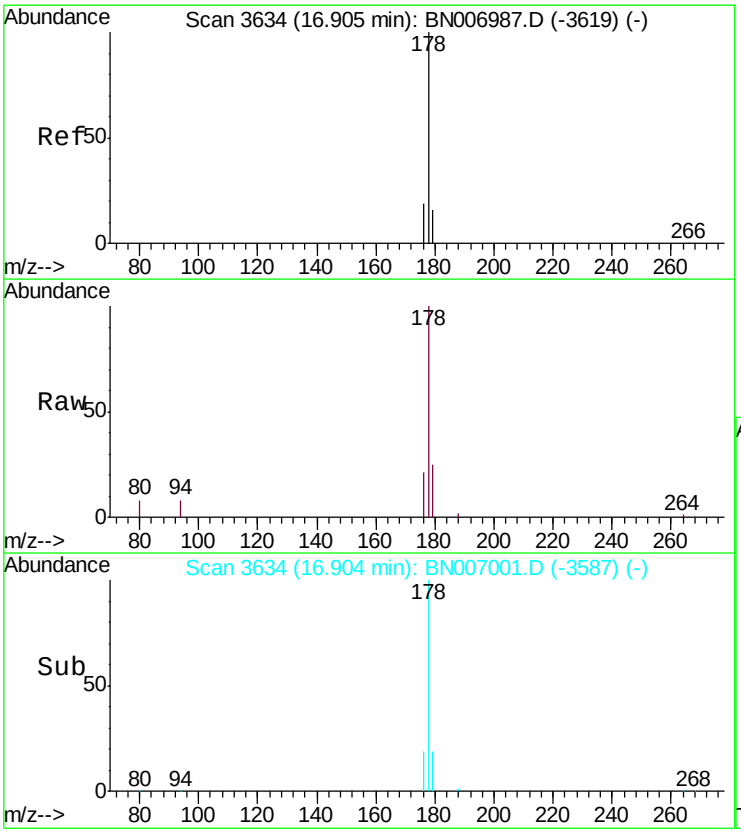
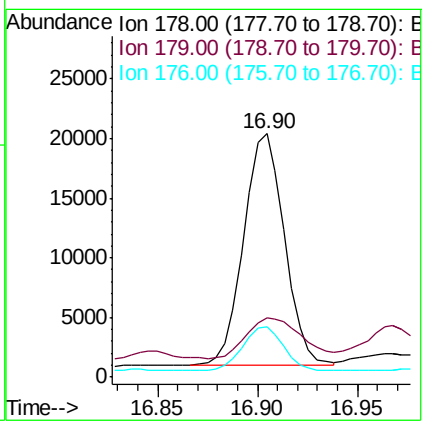
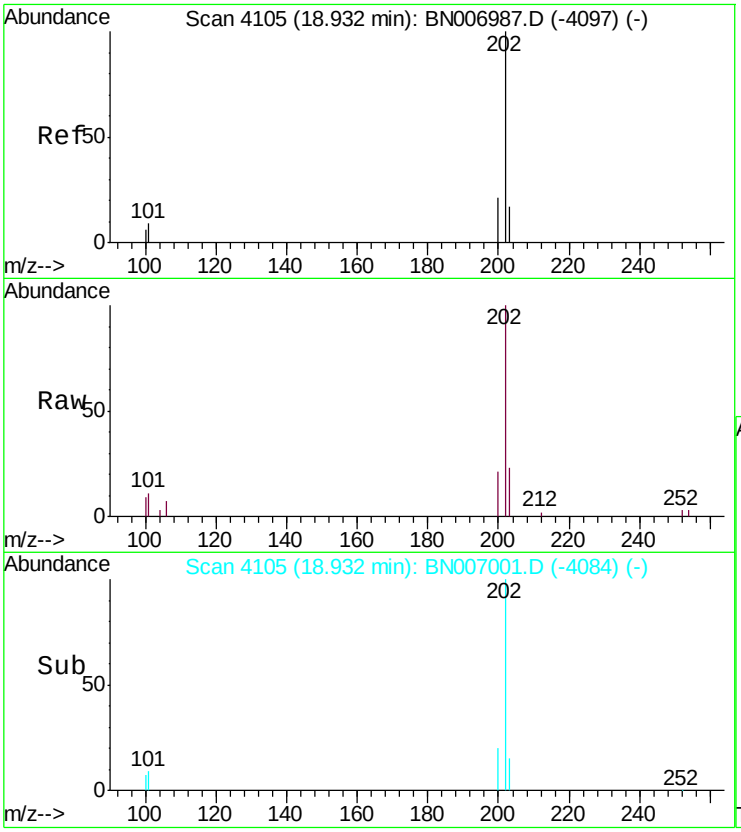


#12
Phenanthrene
Concen: 0.192 ng/ul m
RT: 16.90 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:178 Resp: 27611

Ion	Ratio	Lower	Upper
178	100		
179	24.5	12.5	18.7#
176	20.6	15.6	23.4

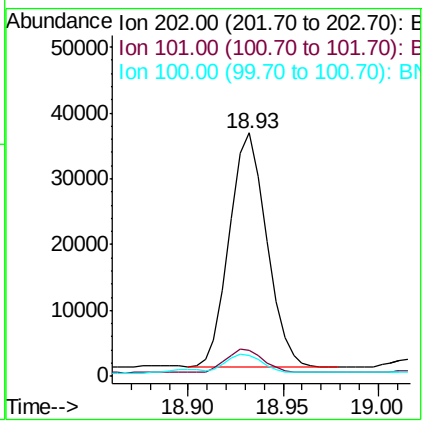




#15
Fluoranthene
Concen: 0.270 ng/ul m
RT: 18.93 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:202 Resp: 48372

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.0
100	8.6	0.0	27.7



Instrument :
BNA_N
ClientSampleId :
BEP26

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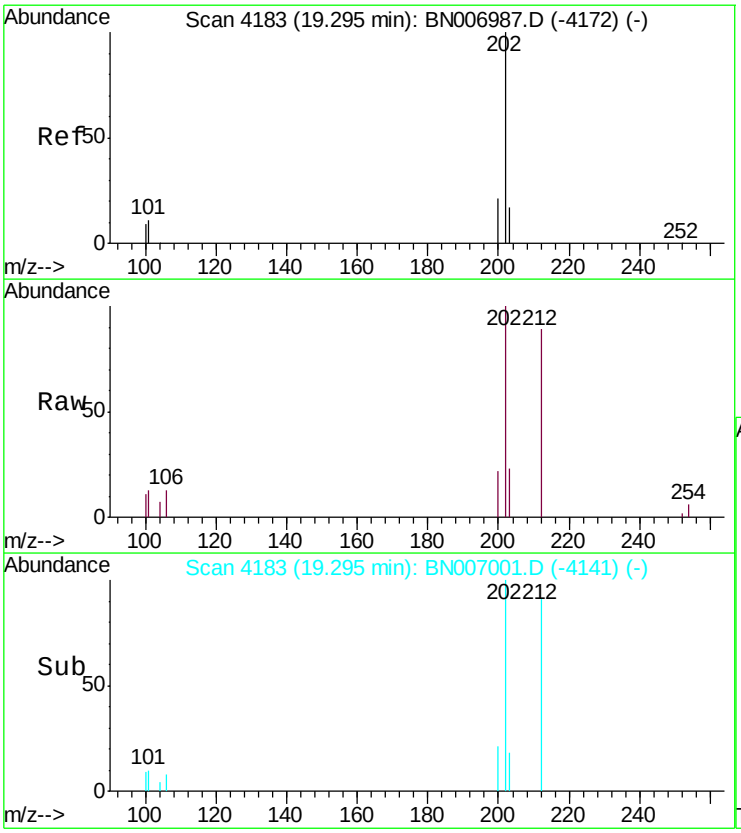
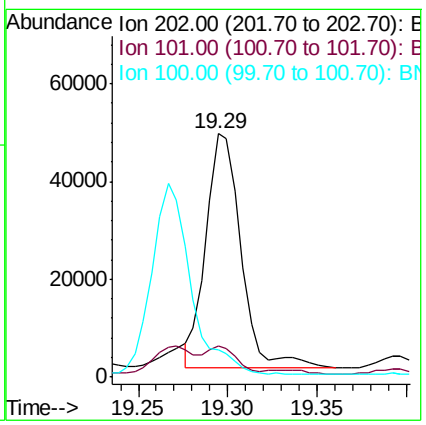
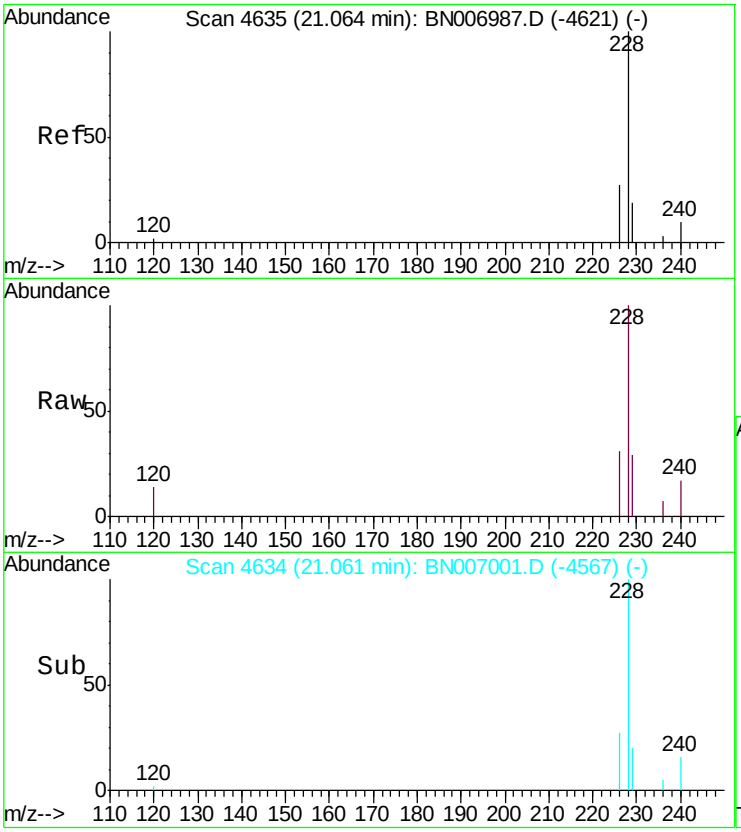


#17
Pyrene
Concen: 0.380 ng/ul m
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:202 Resp: 65906

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.3	13.9
100	11.1	7.3	10.9#





#18
Benzo(a)anthracene
Concen: 0.241 ng/ul m
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:228 Resp: 41149

Ion	Ratio	Lower	Upper
228	100		
229	28.8	15.9	23.9#
226	31.3	22.2	33.4

Instrument :
BNA_N
ClientSampleId :
BEP26

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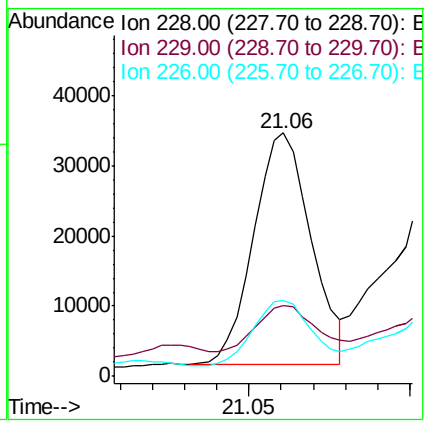
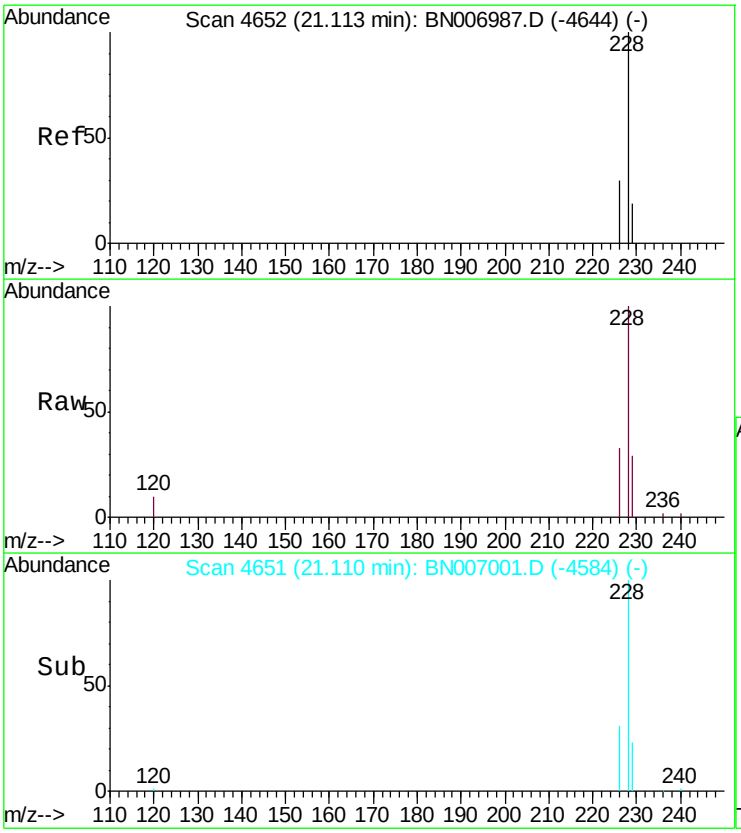
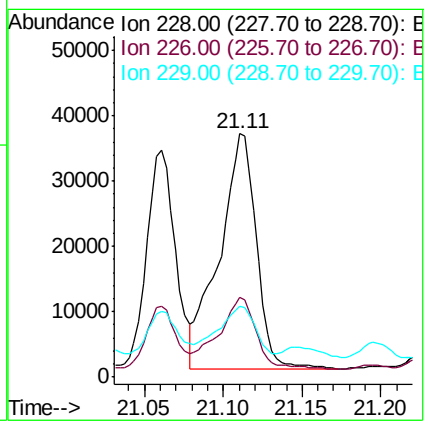


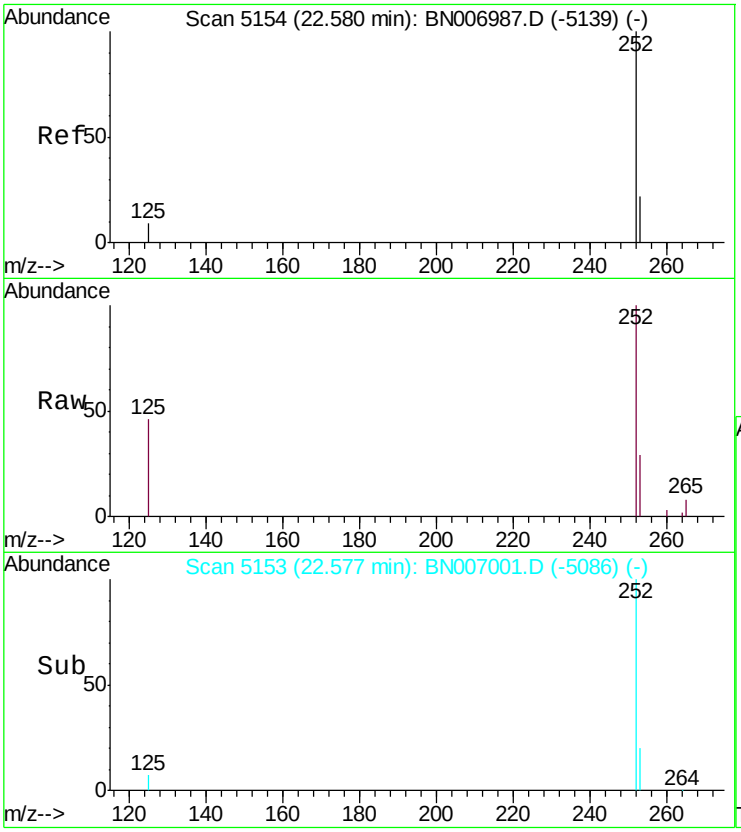


#19
Chrysene
Concen: 0.373 ng/ul m
RT: 21.11 min Scan# 4651
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:228 Resp: 59665

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.7	37.1
229	28.9	15.5	23.3#





#21
Benzo(b)fluoranthene
Concen: 0.249 ng/ul m
RT: 22.58 min Scan# 5153
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:252 Resp: 39719

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	45.2
125	46.3	0.0	22.2#

Instrument :
BNA_N
ClientSampleId :
BEP26

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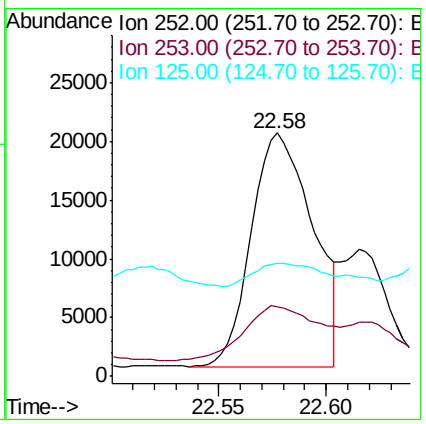
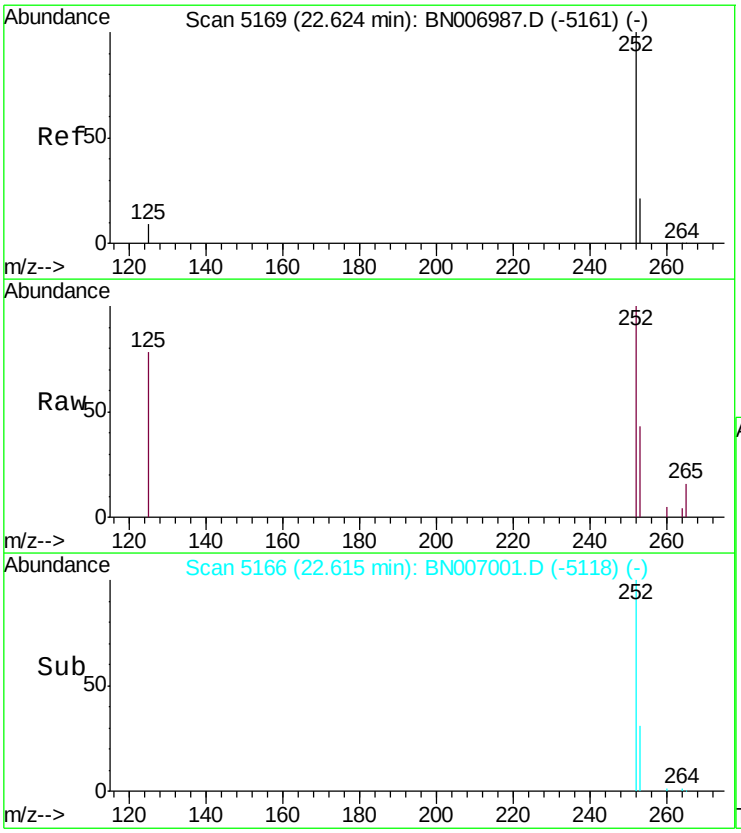
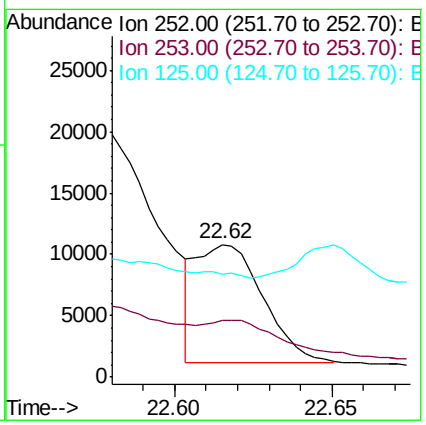


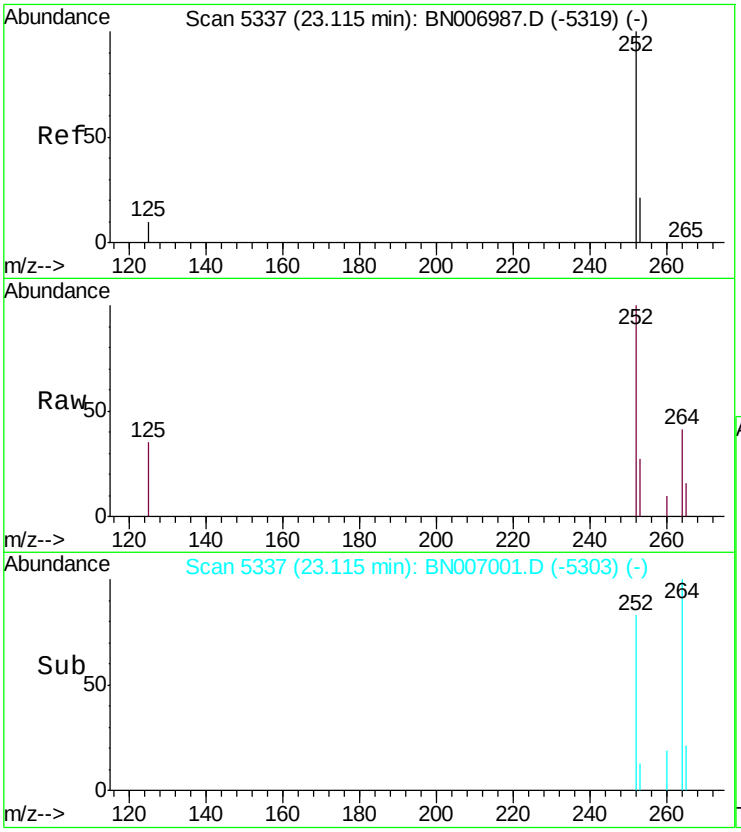


#22
Benzo(k)fluoranthene
Concen: 0.090 ng/ul m
RT: 22.62 min Scan# 5166
Delta R.T. -0.01 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:252 Resp: 14007

Ion	Ratio	Lower	Upper
252	100		
253	42.8	18.6	28.0#
125	78.0	8.7	13.1#





#23
Benzo(a)pyrene
Concen: 0.251 ng/ul
RT: 23.12 min Scan# 5337
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:252 Resp: 37807

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0#
125	34.7	10.0	15.0#

Instrument :
BNA_N
ClientSampleId :
BEP26

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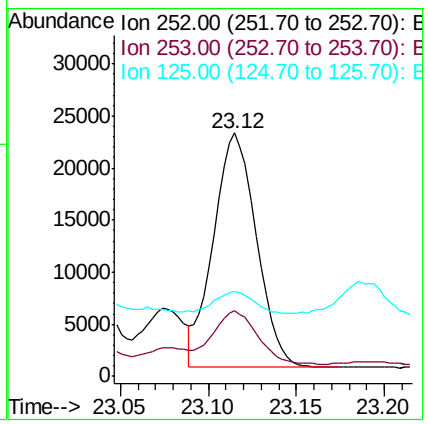
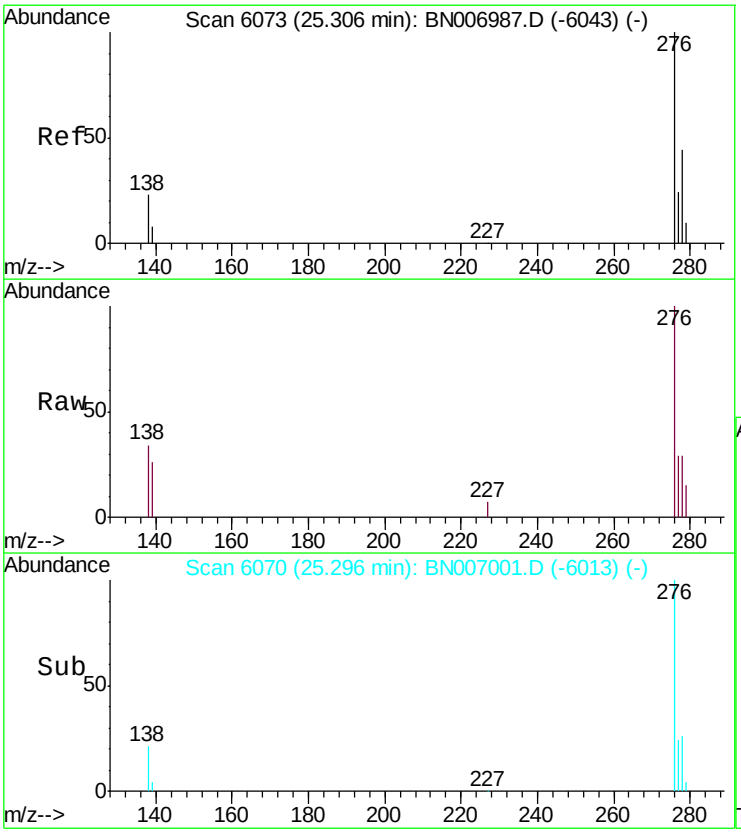
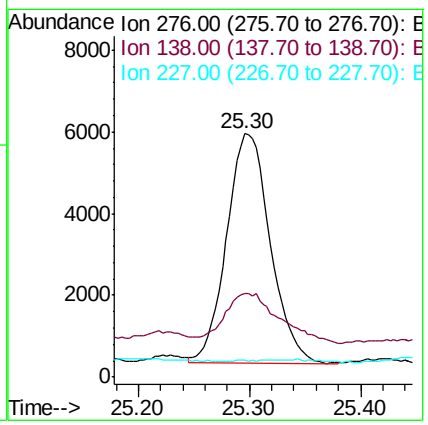


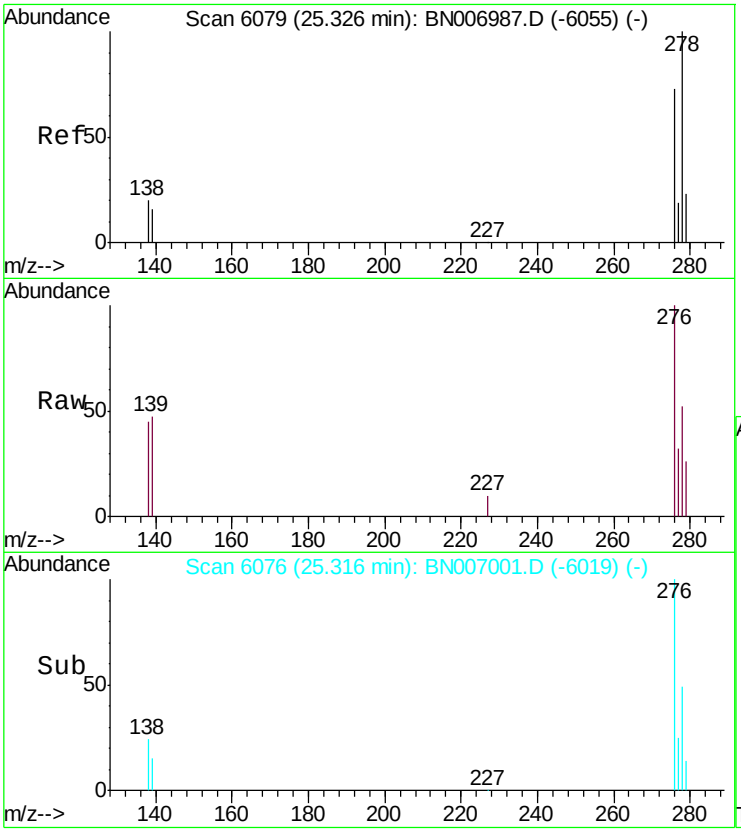


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng/ul
RT: 25.30 min Scan# 6070
Delta R.T. -0.01 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:276 Resp: 15400

Ion	Ratio	Lower	Upper
276	100		
138	26.9	19.9	29.9
227	0.2	0.2	0.4#





#25
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.32 min Scan# 6076
Delta R.T. -0.01 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:278 Resp: 5717

Ion	Ratio	Lower	Upper
278	100		
139	90.1	14.3	21.5#
279	50.2	19.6	29.4#

Instrument :
BNA_N
ClientSampleId :
BEP26

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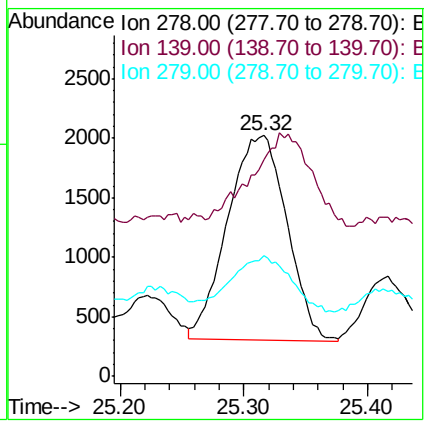

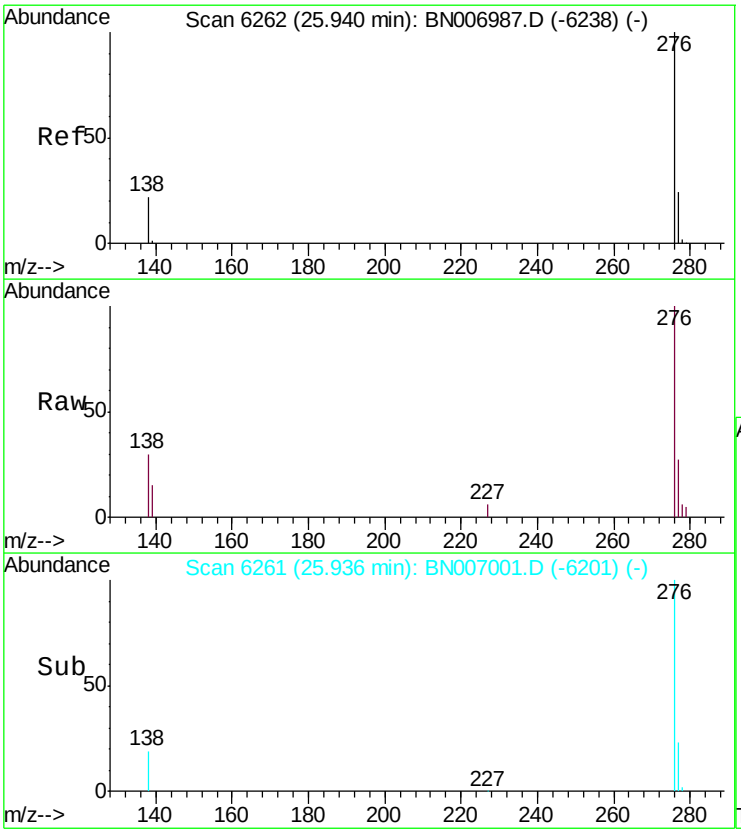

#26
Benzo(g,h,i)perylene
Concen: 0.157 ng/ul
RT: 25.94 min Scan# 6261
Delta R.T. -0.00 min
Lab File: BN007001.D
Acq: 07 Aug 2019 23:21

Tgt Ion:276 Resp: 21300

Ion	Ratio	Lower	Upper
276	100		
138	29.8	18.7	28.1#
277	27.0	19.3	28.9